iVMS-4200 Client Software

Quick Start Guide

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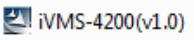
1. Overview

This Guide provides basic instructions on how to operate the software, live view, record images and play back the recorded video. For detailed instructions on programming and using the software, please refer to the iVMS-4200 User Manual.

2. Install the Software

Insert the iVMS-4200 resource disc into the remote computer CD/DVD drive, and wait for the window to open.
Follow the installation prompts to install the software.

Step1: Double click the program file 

to enter the following InstallShield Wizard as shown below:

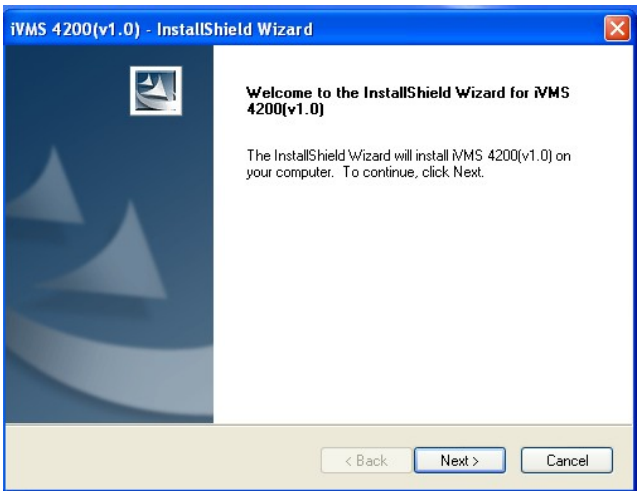

iVMS 4200(v1.0) - InstallShield Wizard
Welcome to the InstallShield Wizard for iVMS 4200(v1.0)
The InstallShield Wizard will install iVMS 4200(v1.0) on your computer. To continue, click Next.
< Back
Next >
Cancel

Figure 2.1 Welcome to InstallShield Wizard

Step2: Click “Next” to start to install the InstallShield Wizard. Select the language (English) for installation, and then click “Next” to continue the installation.

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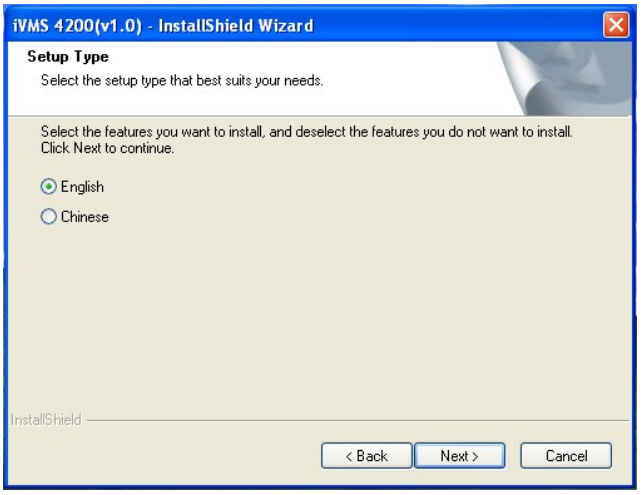
iVMS 4200(v1.0) - InstallShield Wizard
Setup Type
Select the setup type that best suits your needs.
Select the features you want to install, and deselect the features you do not want to install.
Click Next to continue.
English
Chinese
InstallShield
< Back
Next >
Cancel

Figure 2.2 Select Language

Step3: Install vcredist_x86 patch/Card Driver/WinpCap

Select the driver you want to install.

vcredist_x86 patch:for X86 operating system
Card Driver: for compression card
WinpCap: for open source software, SADP driver

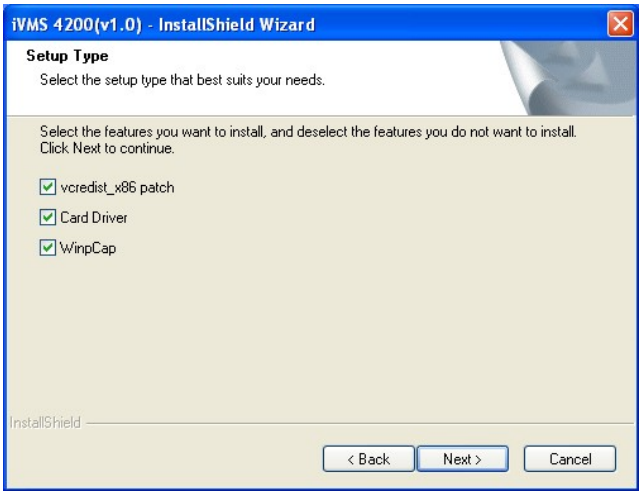
iVMS 4200(v1.0) - InstallShield Wizard
Setup Type
Select the setup type that best suits your needs.
Select the features you want to install, and deselect the features you do not want to install.
Click Next to continue.
vcredist_x86 patch
Card Driver
WinpCap
InstallShield
< Back
Next >
Cancel

Figure 2.3 Select Driver

Install vcredist_x86 patch

Start to install the vcredist_x86 patch and then click"Next" to continue.

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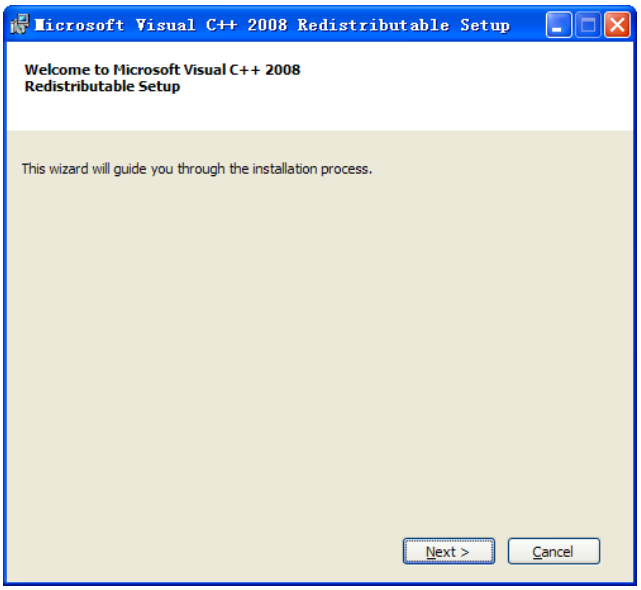
Microsoft Visual C++ 2008 Redistributable Setup
Welcome to Microsoft Visual C++ 2008 Redistributable Setup
This wizard will guide you through the installation process.
Next >
Cancel

Figure 2.4 Install vcredist_x86 patch-Start Installation

In the License Terms dialog box, click “I have read and accept the license terms”, and then click “Install” to install the vcredist_x86 patch.

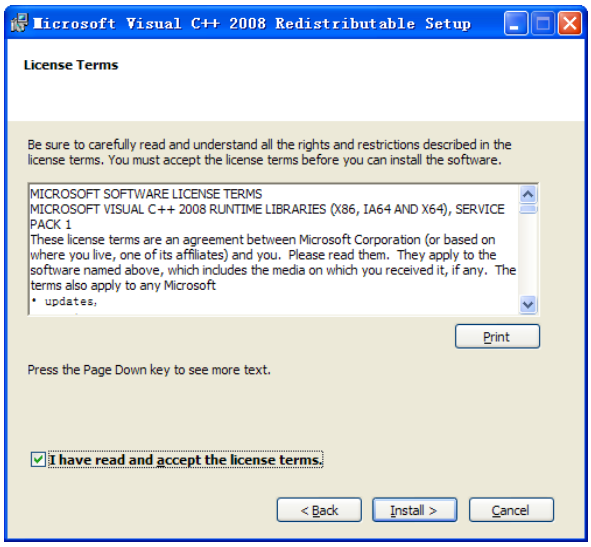
Microsoft Visual C++ 2008 Redistributable Setup
License Terms
Be sure to carefully read and understand all the rights and restrictions described in the license terms. You must accept the license terms before you can install the software.
MICROSOFT SOFTWARE LICENSE TERMS
MICROSOFT VISUAL C++ 2008 RUNTIME LIBRARIES (X86, IA64 AND X64), SERVICE PACK 1
These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft
• updates,
Print
Press the Page Down key to see more text.
I have read and accept the license terms.
< Back
Install >
Cancel

Figure 2.5 Install vcredist_x86 patch-Accept License Terms

After the Setup Complete interface appears, click **Finish** to complete the installation of vcredist_x86 patch.

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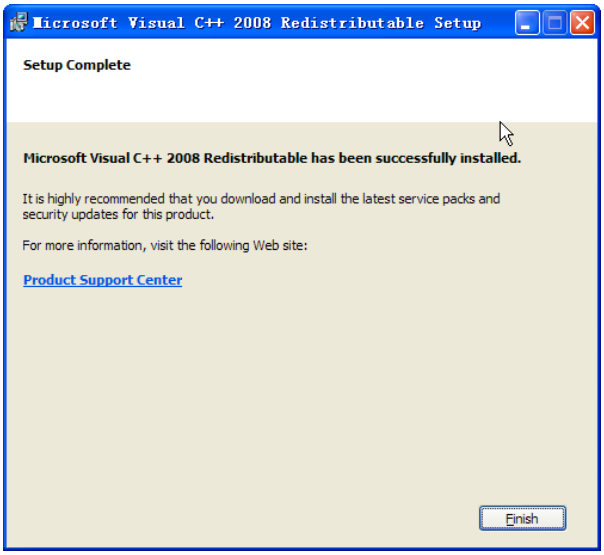
Microsoft Visual C++ 2008 Redistributable Setup
Setup Complete
Microsoft Visual C++ 2008 Redistributable has been successfully installed.
It is highly recommended that you download and install the latest service packs and security updates for this product.
For more information, visit the following Web site:
Product Support Center
Finish

Figure 2.6 Install vcredist_x86 patch-Complete Installation

Install Card Driver

If there is compression card installed on your computer, you can click the "Install or Update Driver" option to install the card driver.

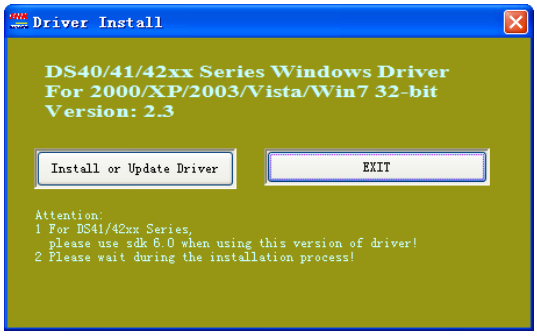

Figure 2.7 Install Card Driver

Install WinPcap

Follow the installation prompt to complete the installation of WinPcap. If it has been installed on your computer, you can cancel this step.

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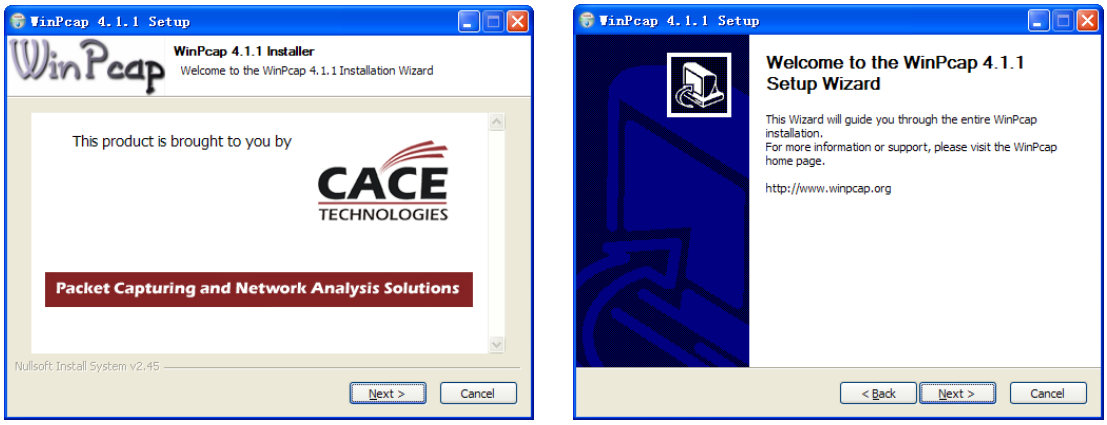
WinPcap 4.1.1 Setup
WinPcap 4.1.1 Installer
Welcome to the WinPcap 4.1.1 Installation Wizard
This product is brought to you by
CACE TECHNOLOGIES
Packet Capturing and Network Analysis Solutions
Nullsoft Install System v2.45
Next >
Cancel
WinPcap 4.1.1 Setup
Welcome to the WinPcap 4.1.1 Setup Wizard
This Wizard will guide you through the entire WinPcap installation.
For more information or support, please visit the WinPcap home page.
http://www.winpcap.org
< Back
Next >
Cancel

Figure 2.8 Install WinPcap

Note: The SADP is used for automatically searching the online device in the local network. If the WinPcap is not installed, the SADP software cannot be used.

After the driver has been installed, continue the following steps.

Step5: Select the programs you want to install on your computer, including the User Client, PC NVR Server and Stream Media Server. User can also click **Browse** to change the destination folder for the program files.
Click “Next” to continue.

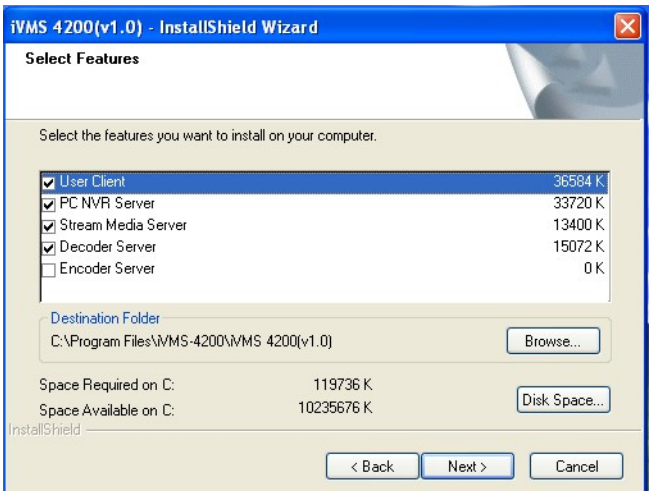

Figure 2.9 Select Installation Programs

Step6: In the License Terms interface, click “I accept the terms of the license agreement”, and then click “Next” to continue the installation.

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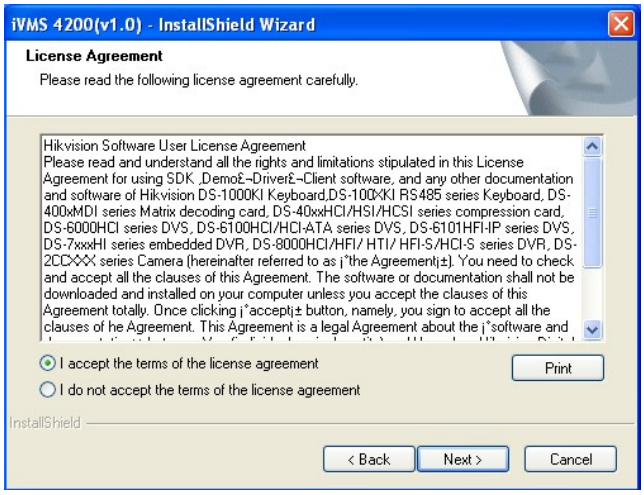
iVMS 4200(v1.0) - InstallShield Wizard
License Agreement
Please read the following license agreement carefully.
Hikvision Software User License Agreement
Please read and understand all the rights and limitations stipulated in this License Agreement for using SDK ,Demo£¬Driver£¬Client software, and any other documentation and software of Hikvision DS-1000KI Keyboard,DS-100?KI RS485 series Keyboard, DS-400xMDI series Matrix decoding card, DS-40xxHCI/HSI/HCSI series compression card, DS-6000HCI series DVS, DS-6100HCI/HCI-ATA series DVS, DS-6101HFI-IP series DVS, DS-7xxxHI series embedded DVR, DS-8000HCI/HFI/ HTI/ HFI-S/HCI-S series DVR, DS-2CC???X series Camera (hereinafter referred to as ¡°the Agreement¡±). You need to check and accept all the clauses of this Agreement. The software or documentation shall not be downloaded and installed on your computer unless you accept the clauses of this Agreement totally. Once clicking ¡°accept¡± button, namely, you sign to accept all the clauses of he Agreement. This Agreement is a legal Agreement about the ¡°software and
I accept the terms of the license agreement
I do not accept the terms of the license agreement
Print
InstallShield
< Back
Next >
Cancel

Figure 2.10 Select Installation Programs

Step7: Click “Install” to start installation of the selected programs.

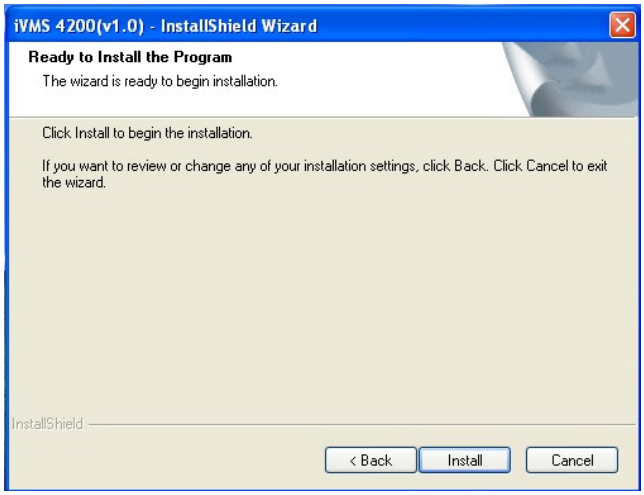
iVMS 4200(v1.0) - InstallShield Wizard
Ready to Install the Program
The wizard is ready to begin installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

Figure 2.11 Install the Selected Programs

Step8: After the installing progress is completed, enter the Setup Type interface to select the desktop shortcut icons for the installed programs. Click “Next” to continue the installation.

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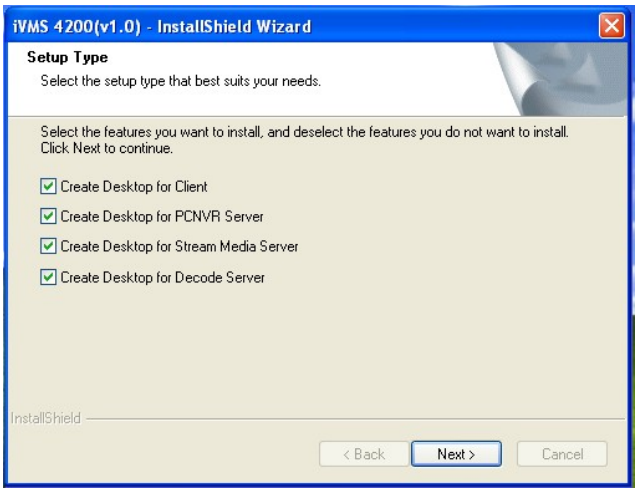
iVMS 4200(v1.0) - InstallShield Wizard
Setup Type
Select the setup type that best suits your needs.
Select the features you want to install, and deselect the features you do not want to install. Click Next to continue.
Create Desktop for Client
Create Desktop for PCNVR Server
Create Desktop for Stream Media Server
Create Desktop for Decode Server
InstallShield
< Back
Next >
Cancel

Figure 2.12 Create Desktop Shortcut Icons

Step9: Click "Finish" to complete the installation.

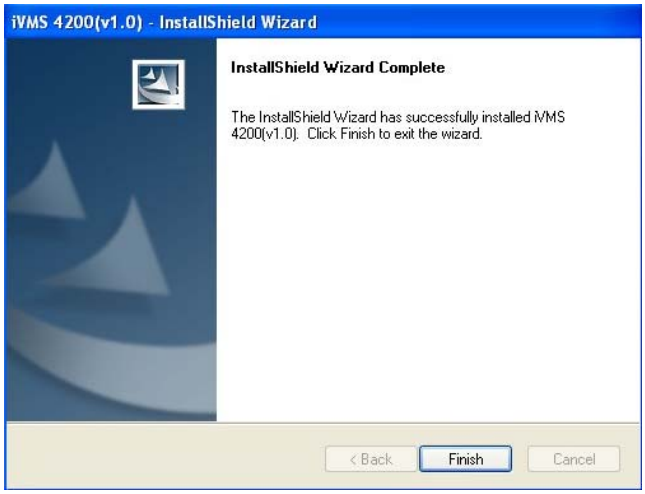
iVMS 4200(v1.0) - InstallShield Wizard
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed iVMS 4200(v1.0). Click Finish to exit the wizard.
< Back
Finish
Cancel

Figure 2.13 Finish the Completion

3. Uninstall the Software

Click Start→All Programs→4200 client and select "Uninstall iVMS-4200" option to enter the following interface:

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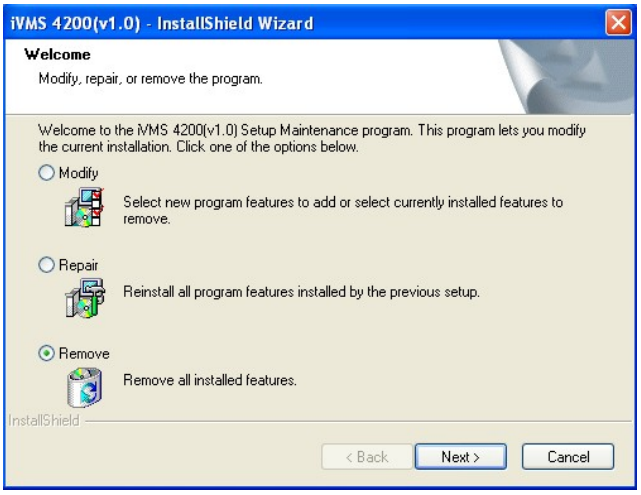
iVMS 4200(v1.0) - InstallShield Wizard
Welcome
Modify, repair, or remove the program.
Welcome to the iVMS 4200(v1.0) Setup Maintenance program. This program lets you modify the current installation. Click one of the options below.
Modify
Select new program features to add or select currently installed features to remove.
Repair
Reinstall all program features installed by the previous setup.
Remove
Remove all installed features.
InstallShield
< Back
Next >
Cancel

Figure 3.1 Uninstall the Programs

Select “Remove” to remove all installed features and then click “Next” to uninstall iVMS-4200 according to the prompts.

4. User Registration

For the first time to use the iVMS-4200 software, user needs to register a super user for login.

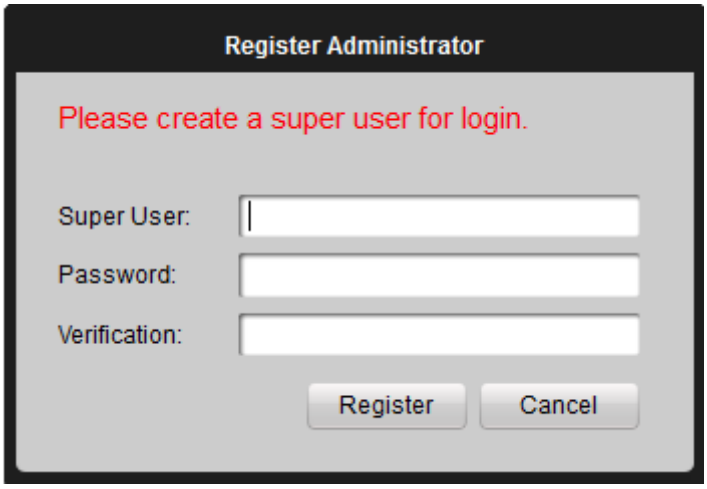

Figure 4.1 User Login

Input the super user name, password and verification in the dialog box and click **Register**. Then, user can log in as the super user.

Note: Enter, Space, and TAB buttons are invalid for the user name and password. The password cannot be null, and it should not be less than six characters and does not support the copy and paste operation.

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5. Quick Start

User Login

Double click the shortcut

on desktop to run the client software. When user opens the iVMS-4200 software after registration, the login dialog box will pop up, shown as below:

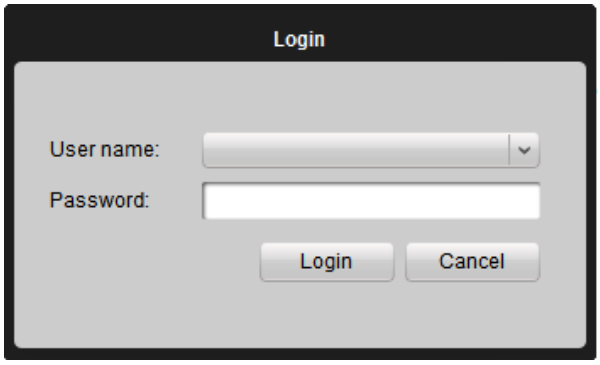

Figure 5.1 User Login

Input user name and password, and then click **Login** to start using the iVMS-4200 software.

Control Panel

For the intelligent video management system, Hikvision iVMS-4200 provides an effective and convenient GUI for user to operate the client software. The main control panel of the iVMS-4200 is shown as below:

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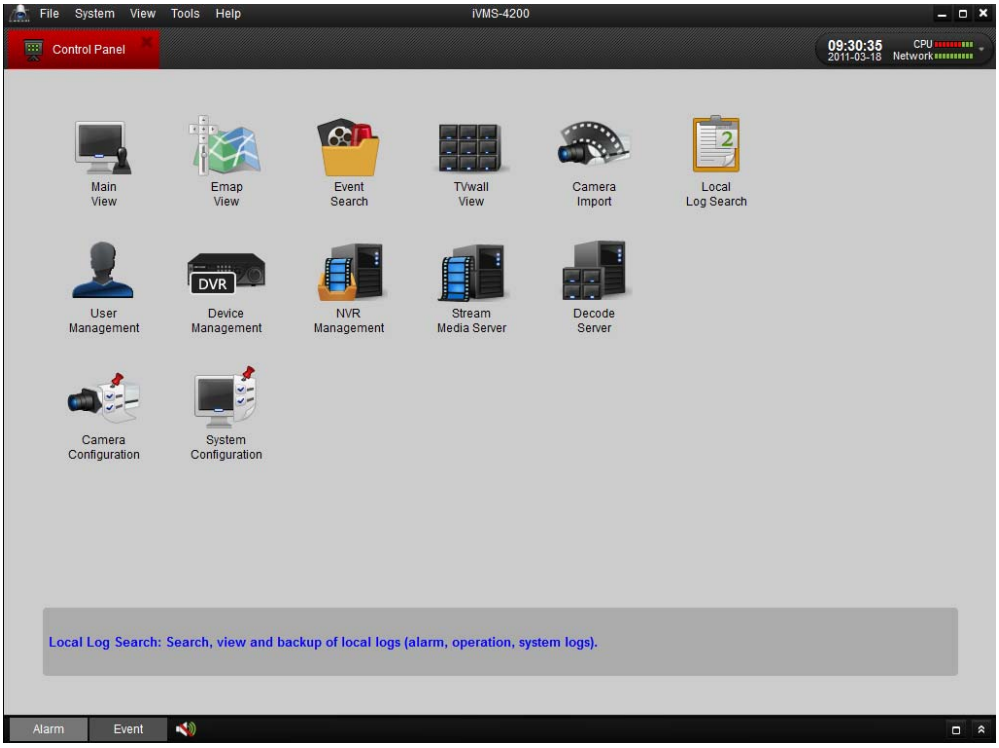

Figure 5.2 Control Panel

Import Camera

After registration and login, the following information will pop up:

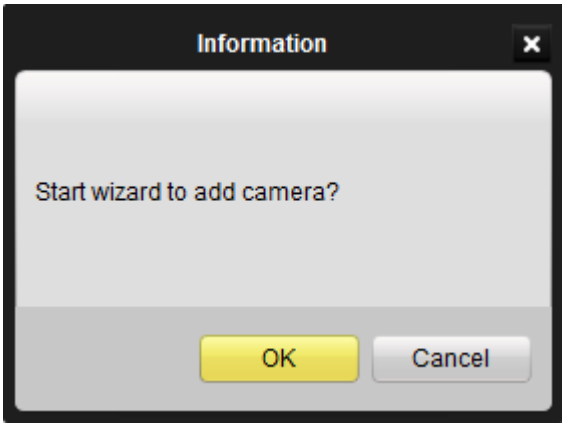

Figure 5.3 Import Camera Wizard

Click **OK** to start the wizard and add the device, or click **Cancel** to exit the wizard.

Step1: According to the hint, click **Camera Import** icon to enter the Camera Import control interface.

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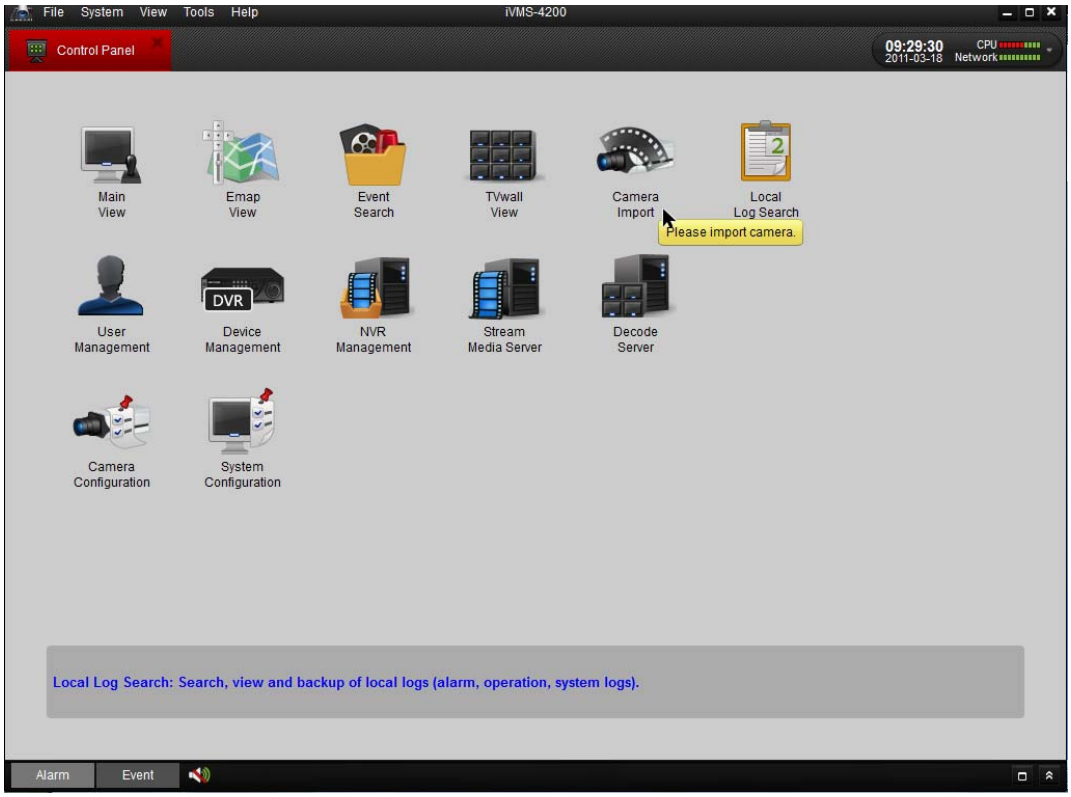

Figure 5.4 Enter Import Camera Interface

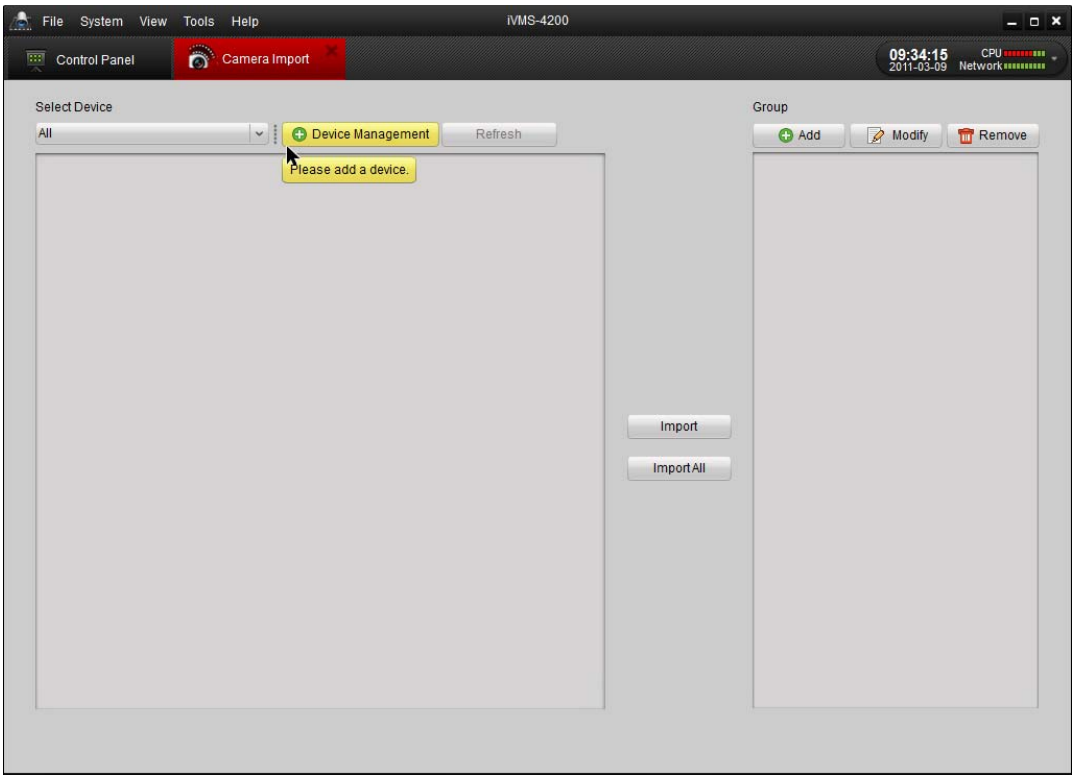

Figure 5.5 Device Management Interface

Step2: **Add DVR**

According to the hint, click **Device Management** to enter the Device Management

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interface and then click **Add** to enter the device information in the dialog box of Add DVR interface.

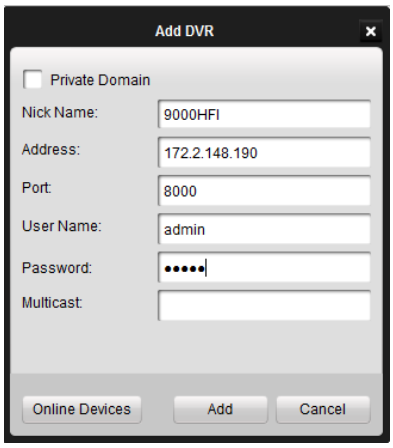

Figure 5.6 Add DVR

Step 3: After having added the device according to the above steps, click **Config** to enter the Device Parameters configuration interface (Figure 3.19). User is allowed to view and configure the following settings: Status, General, Channels, Network, Alarm, User, HDD, Exception, Files, Log and Other.

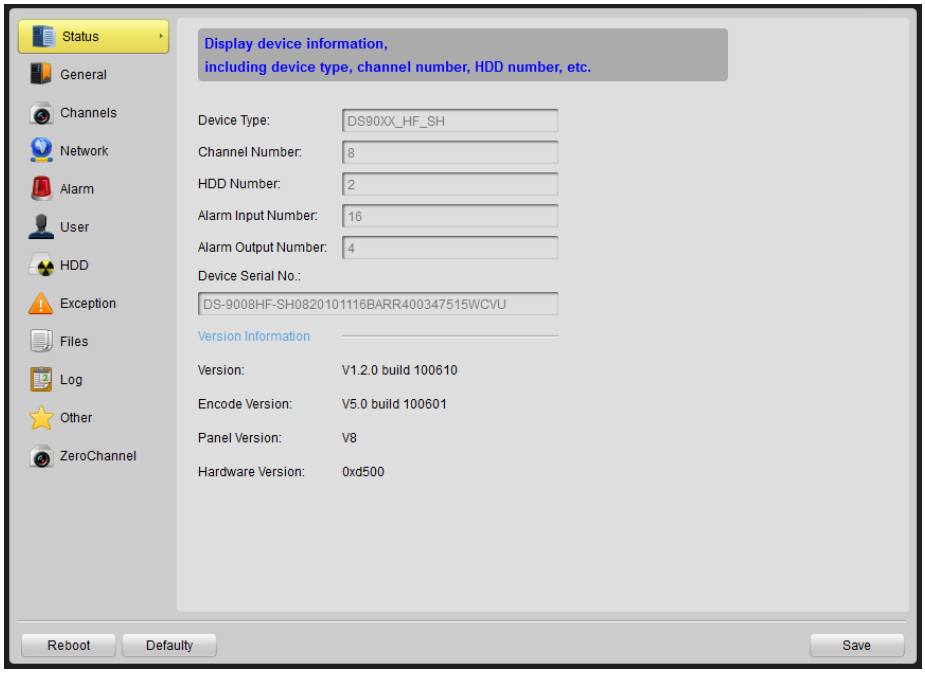

Figure 5.7 Device Parameters

Step 4: Add Group

After having added DVR, please click the **Add** on the Camera Import interface to enter Add Group dialog box. Edit the name of group and then click **OK** to finish the adding of group. The added group will be displayed in the list.

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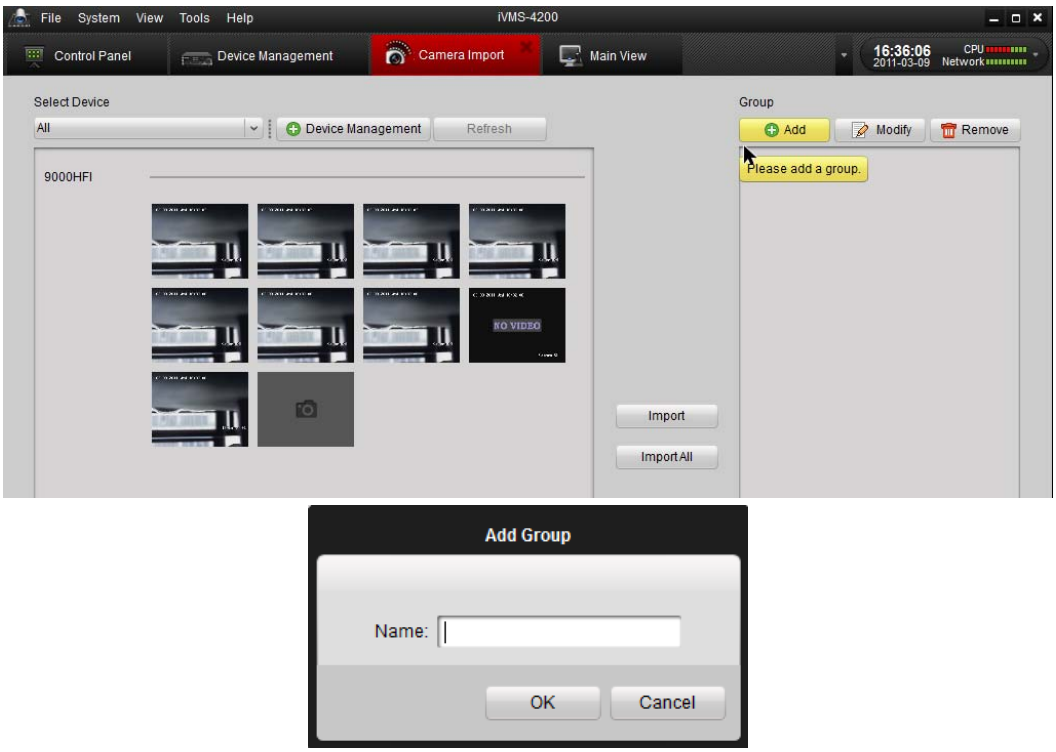

Figure 5.8 Add Group

Step 5: Import Channel to Group

In the left area on the Camera Import interface, click and select the channels and then click **Import** button to import the selected channels to the Group on the right. Refer to Figure 5.9 and Figure 5.10.

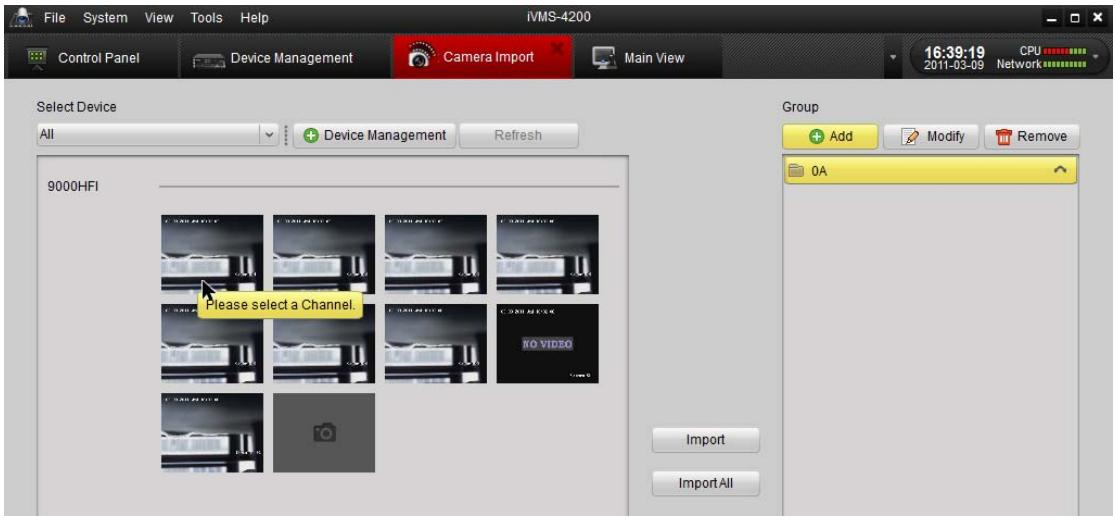

Figure 5.9 Select Channel for Import

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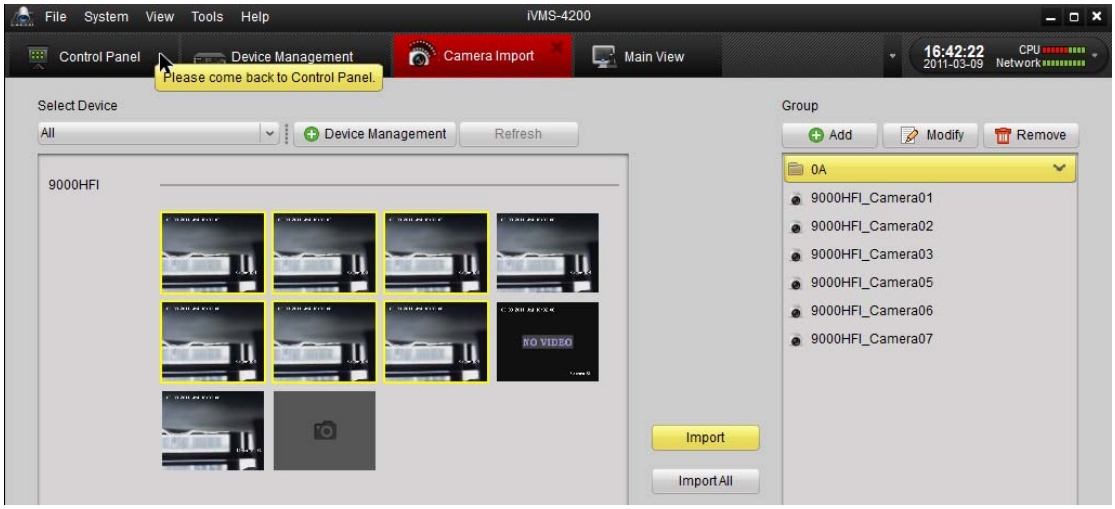

Figure 5.10 Import Selected Channel to Group

Note:

1. User may hold the Ctrl key on PC to select multiple channels or click **Import All** button to select all channels for import.
2. The devices to be added must be online currently.
3. Each channel can be added to a group only once, while the same channel can be added to different groups.
4. Up to 50 channels can be added to each group, with a maximum of 256 channels allowable totally.

Step 6: After having imported the selected channels to the group, follow the hint to return to the control panel and then enter the main view interface. Refer to Figure 5.11.

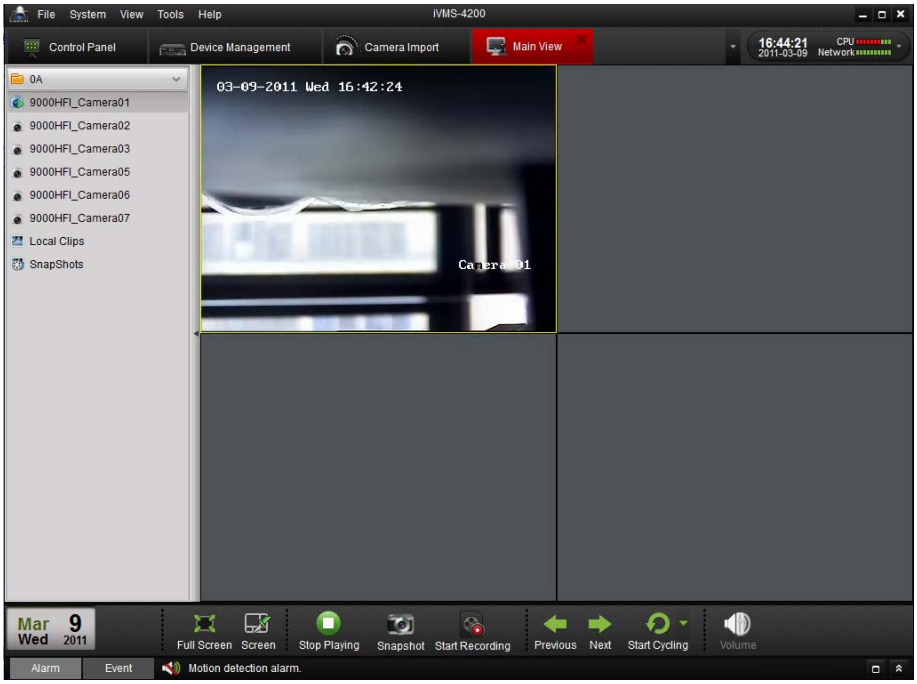

Figure 5.11 Enter Main View Interface

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Start Live View

To view the live video, drag the camera from the list to the right display window, or double click the camera node to view the live video (Figure 5.12).

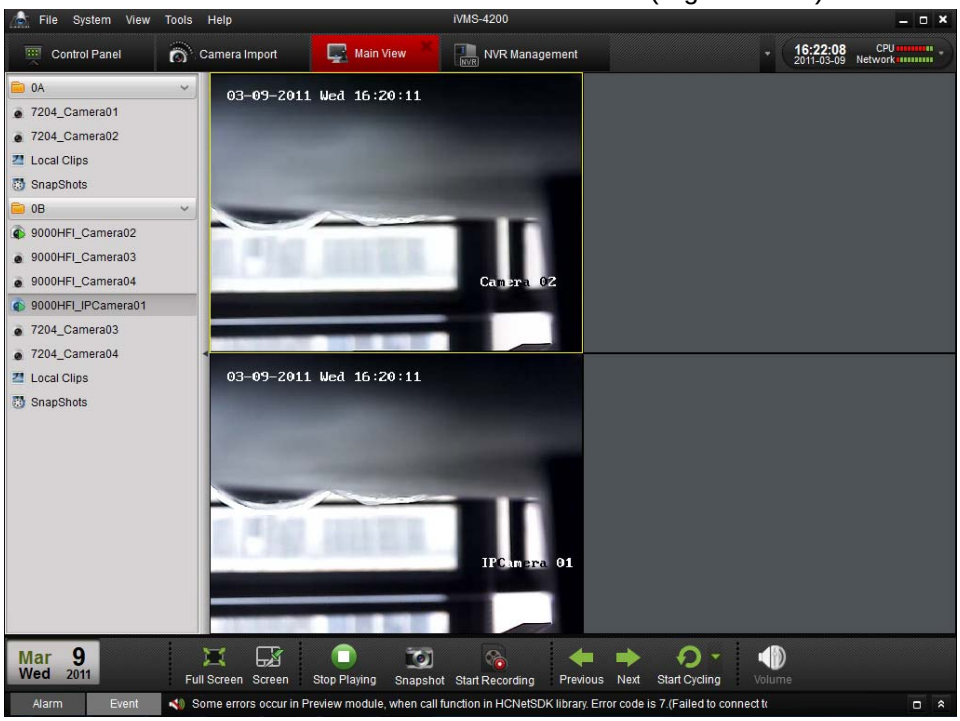

Figure 5.12 Start Live View

Toolbar in each display window:

Button	Description
	Take a snapshot of the camera
	Start manual record, click again to stop
	Start voice talk, click again to stop
	PTZ control, 8 direction icons will be displayed on the video.
	Check the input camera status
	Go back to the camera configuration interface
	Stop live view
	Remote playback about 7 minutes record of current camera
	Audio button, click to open and close

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Recording Schedule

iVMS-4200 software provides the following main recording modes: Local Recording, NVR Recording & Remote Recording.

For the recording schedule, you can directly enter camera settings by clicking the **Camera Configuration** icon on the control panel. The list on the left side provides a set of parameter settings for different channels (Figure 5.13), where **Picture, Resolution & Quality, Schedule, Display, Motion Detection, Video Tampering Detection, Video Loss Detection, PTZ Control** and **Connection** can be configured after clicking on the corresponding icon and entering the configuration interface.

Click **Schedule** in the list on the lower left corner to enter schedule interface. The recording schedule will be displayed afterwards.

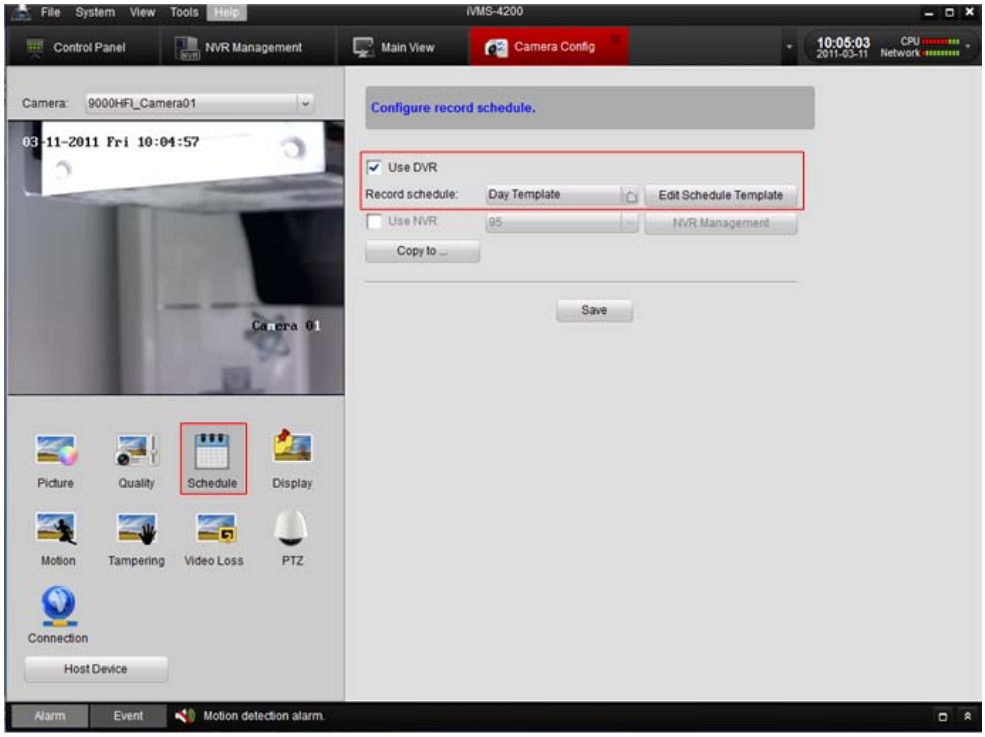

Figure 5.13 Camera Configuration Interface

Click **Edit Schedule Template** to enter the configuration dialogue box (Figure 5.14). For the schedule configuration, this interface provides multiple choices of schedule template with 3 default templates and 8 customized templates (Figure 5.15).

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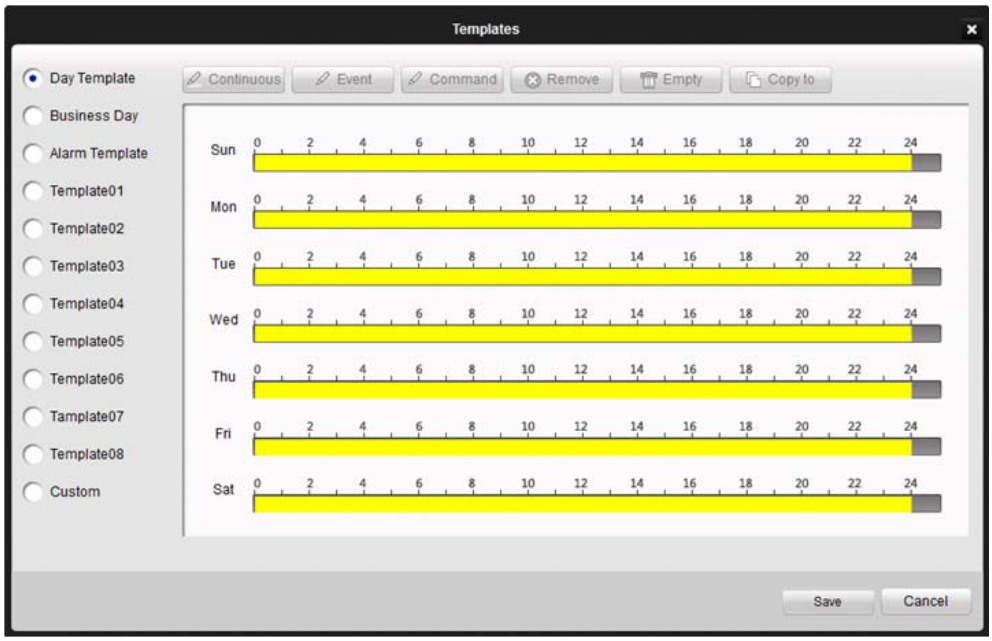

Figure 5.14 Recording Templates

Figure 5.14 Customized Templates

The **Custom** template can be configured as below.

a) Click **Remove/Empty** to delete existing schedule;

b) Click **Continuous/Event/Command** to select Recording Mode;

c) Drag the mouse on the schedule to specify a time bar (maximum: 8 bars), and the length of the time bar can be adjusted and the bar can be copied to other days. Click on the time bar to view the start and end time of this recording period.

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d) You may also define **Template 01-08** by clicking Edit Schedule Template and repeating step a), b) and step c).

Playback

Remote Playback

Play back the video files created in remote or NVR recording mode.

1. Go to Main View panel, double-click a channel to enable the tool bar shown as below, and click button to start instant playback.

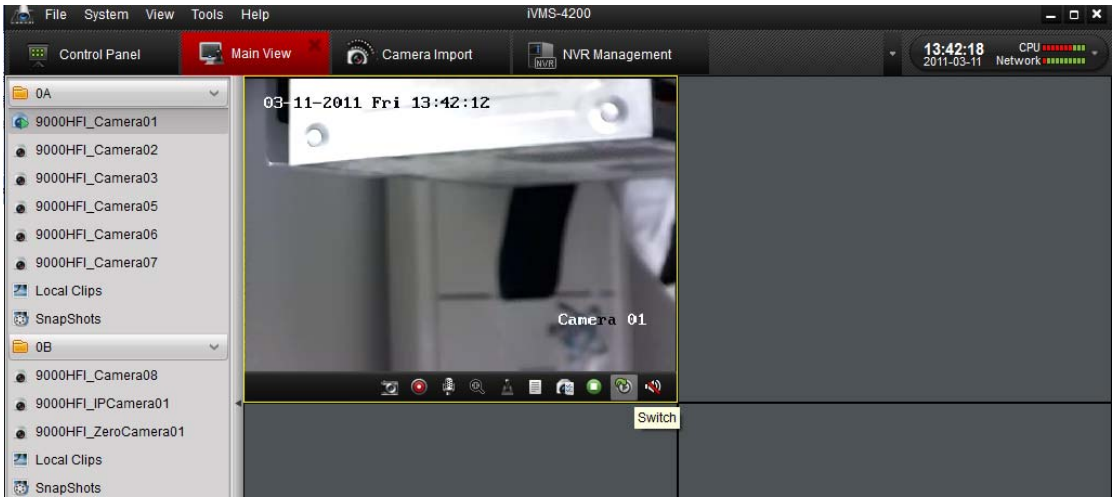

Figure 5.15 Switch Preview/Playback Mode

2. In instant playback interface, please click button to start playback the first video files of current day; click and buttons to fast or slow play the video. Please note that button is designed to play the video frame by frame, which means single clicking the button, the video will move one frame forward.

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Figure 5.16 Playback

3. You may also use the time bar at the bottom of the Main View panel to adjust the playback progress. Also and buttons are used to expand and narrow down the time bar so user can choose a more accurate playback time.

Figure 5.17 Time Bar

Event Playback

Play back the video files of event type.

1. Go to Event Search panel and select an event type: motion or alarm input.
2. Choose a camera in the group and specify a start time, then click Search button.
3. Select a window, and double-click a video file from the search results list to play.

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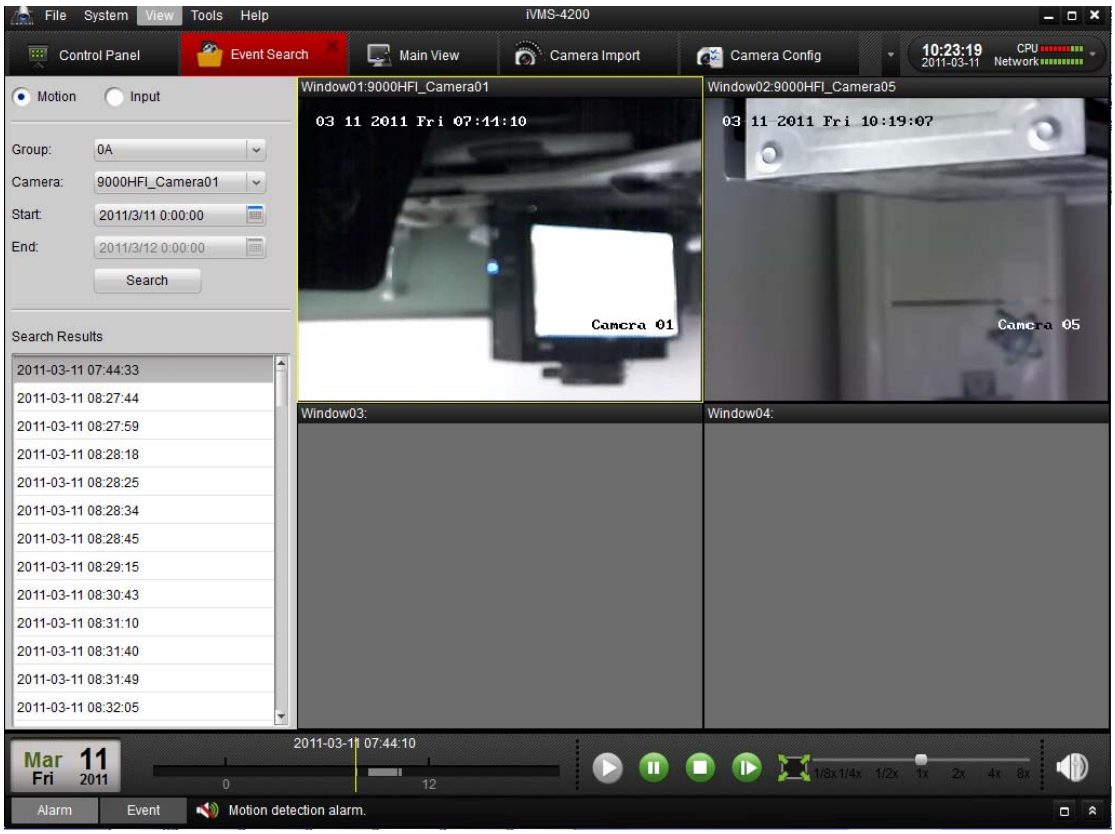


Figure 5.18 Event Search

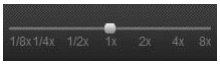
4. During playing back the video, you may right click the mouse in the image to get a drop-down menu as shown in Figure 5.19. Please refer to the table below for more details on this menu. You may also change playback speed by clicking on the  bar.

Figure 5.19 Event Playback

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Exit System

Click **File** on the top menu and select **Exit,** or click on the top right corner of the main interface, and then a confirmation dialog will pop up. Click **OK** to exit iVMS-4200 client software

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